

Invitation for Bids  
Repairs to Pumper E 3 Truck Frame Rails  
Moultonborough, NH  
August 9, 2012



Joel R. Mudgett, Chairman  
Board of Selectmen

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## TOWN OF MOULTONBOROUGH

### Invitation for Bids

### Repairs to Pumper Truck E 3 Frame Rails

Sealed bids for the provision of repairs to Engine 3, a pumper fire truck based on a 1993 freightliner chassis, will be accepted until 2:00 p.m. on Thursday, August 9, 2012 in the Offices of the SelectBoard, 6 Holland Street, PO Box 139, Moultonborough, NH 03254 at which time they will be opened and publicly read aloud. Bids received after that time will be returned unopened.

The general scope of work is to replace the defective frame rails with new rails constructed of materials that meet the manufacturer's specifications. Upon completion of the replacement of the frame rails the apparatus shall be delivered to a Town designated service facility for specified services and recertification as to the performed repairs meeting the requirements of NFPA 1912.

A detailed package with information on the services to be provided or items to be supplied by the vendor, the conditions thereof, and bid forms, is available at [www.moultonboroughnh.gov](http://www.moultonboroughnh.gov) (click on Paid, Volunteer and Contract Opportunities) or said SelectBoard offices during normal business hours. **A pre-bid conference and vehicle inspection will be held at 2:00 p.m. on Tuesday, July 31, 2012 at Lakes Region Fire Apparatus, Inc. at 688 Ossipee Mountain Hwy (RTE 25) Tamworth, NH.**

Each submitted bid should be in a sealed envelope marked, Town of Moultonborough, Repairs to E3, with the due date clearly marked. If mailed, the bid submission should be in a similarly marked separate sealed envelope to protect against the actual bid being opened in error. Any questions with respect to this invitation must be received, in writing by mail (above address), by email ([cterenzini@moultonboroughnh.gov](mailto:cterenzini@moultonboroughnh.gov)), or fax (603.476.5835) by Carter Terenzini, Town Administrator, no later than 4:00 p.m. on August 2, 2012. It is the bidder's responsibility to view and account for any addendums relating to this request. These will be posted on the Town web site no later than 4:00 p.m. on August 6, 2012.

The town reserves the right to reject any and all bids, and waive any minor or non-material informalities, if deemed to be in its best interests.

Joel R. Mudgett, Chairman/s/  
Board of Selectmen

Posted: Town Bulletin Boards (7)  
SAU

Advertised: Meredith News & Carroll County Independent 07/19/12 & 07/26/12  
Manchester Union Leader: Same Dates  
Mailed: Vendors List

## **Scope of Work or Specifications and Conditions**

### **1.) General Description of the Project, Materials and Quantities**

The frame on the Town of Moultonborough's 1993 Freightliner Fire Apparatus (pumper E 3) has deteriorated in several locations on both sets of frame rails to a point at which the vehicle may soon not be able to meet the requirements of New Hampshire Dept. of Safety Saf-C 3221.06 (a).

*[Saf-C 3221.06 (a: Structural Rust, states "a vehicle shall be rejected if the frame or other structural components are broken, cracked, or rusted to a degree that affects the safety of the vehicle".]*

The defective frame rails shall be replaced with new rails constructed of materials that meet the manufacturer's specifications. Upon completion of the replacement of the frame rails the apparatus shall be serviced and recertified to meet the requirements of NFPA 1912 2011 Edition, Chapter 6, Section 6.3 Frame [Exhibit B] as it relates to the repairs being performed.

### **2.) Specifications & Required Certifications**

See Exhibit A

### **3.) Delivery, Cost, Location and Timing**

The Vendor shall be responsible for all travel and transport of the vehicle to its facility from the town, to the facility specified for servicing and recertification, and to return the vehicle to the Town of Moultonborough. All costs of such travel and transport must be contained within your bid pricing.

You must specify the number of calendar days it will take you to complete all of your repairs, servicing and recertification and return the vehicle to us from the date we give you the notice to proceed under the contract.

### **4.) Term of Contract**

N/A

### **5.) General Conditions**

a.) Any cash payment due to you will be 100% at the time of final delivery and acceptance of the repaired vehicle. This is paid within 21 days. Any late payment bears interest at the rate of 12% per annum.

b.) Your pricing shall be inclusive of the costs for all of the material, labor, travel and transport, certifications and servicing, and final record book specified herein.

c.) The term "days" will mean calendar days.

d.) Unless otherwise specified to be of a longer duration, you must provide the standard factory warranty as specified by the manufacturer on each and every item to be supplied.

## **6.) Pre-Bid Conference, Questions, and Supplements**

There will be a pre-bid conference at 2:00 p.m. on Tuesday, July 31, 2012 at Lakes Region Fire Apparatus, Inc. at 688 Ossipee Mountain Hwy (RTE 25) Tamworth, NH. **The vehicle will be on a lift to allow ease in viewing the condition of the frame rails, the attachments thereto and the like.**

Any questions with respect to this invitation must be received, in writing by mail (above address), fax (603.476.5835) or email ([cterenzini@moultonboroughnh.gov](mailto:cterenzini@moultonboroughnh.gov)), by Carter Terenzini, Town Administrator, no later than 4:00 p.m. on August 2, 2012.

**\*Important Note:** The answers, and any other changes or supplements to this document, will be posted on the Town web site as an Addendum no later than 4:00 p.m. on Monday, August 6, 2012. It is the bidder's responsibility to check and verify any such changes in order to account for them in their bid. You must acknowledge issued addenda on your bid form.

## **7.) Description, Continued Use, and Viewing of Trade-In(s)**

N/A

## **8.) Bonding**

N/A

## **9.) Bid Due Date and Methods of Delivery**

Sealed bids will be accepted until 2:00 p.m. on Thursday, August 9, 2012 in the Offices of the SelectBoard, 6 Holland Street, PO Box 139, Moultonborough, NH 03254 at which time they will be opened and publicly read aloud. Each submitted bid should be in a sealed envelope marked, Town of Moultonborough, Repairs to E3, with the due date clearly marked. If mailed, the bid submission should be in a similarly marked separate sealed envelope to protect against the actual bid being opened in error.

It is the bidder's responsibility to ensure that the bid is received in the offices of the SelectBoard by the due date and time irrespective of whatever means of delivery the bidder chooses. Any bid received after the due date and time will be returned to the bidder unopened.

## **10.) History and Experience**

Proposers must be an ongoing concern of sound financial condition, have been in business for at least five years and made at least five similar repairs for at least five separate customers. You must submit a history of your firm, at least five references relevant to the foregoing criteria with their contact name and their phone number, a listing of any late deliveries or change orders beyond your original price quotation to the customer including the reasons therefore, and one financial reference from a banking institution with which you regularly do business.

## **11.) Right of Inspection**

The Town shall have the right – with notice and without notice – to inspect the ongoing repairs at your facility during your normal hours of business.

## **12.) Anticipated Timeline**

<b>Opening of Bids</b>	<b>August 9, 2012</b>
<b>Award of Contract</b>	<b>August 30, 2012*</b>
<b>Completed Contract</b>	<b>September 10, 2012</b>
<b>Transfer of Vehicle</b>	<b>September 15, 2012</b>

\* Depending upon the clarity of the bids and the ease of reference checks this may be on the SelectBoard agenda for August 16, 2012. All other dates would then move up to some degree. However, due to service needs, the vehicle will not be transferred prior to Tuesday, September 4, 2012.

## **13.) Condition of Vehicle at Time of Transfer**

The Town shall have removed all fire hose, equipment, water in the tank, and the like prior to transferring the vehicle to the vendor for repairs. Upon the completion of the repairs, the Town shall reload the vehicle for delivery for servicing and recertification (allow one day for this).

**Town of Moultonborough  
Repairs to Fire Truck E 3  
Bid Form  
(Please Print in Ink or Type)**

Name of Bidder: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Contact Person: \_\_\_\_\_

\_\_\_\_\_

Telephone

\_\_\_\_\_

Fax

\_\_\_\_\_

Email

ATTENTION: Mr. Joel R. Mudgett, Chairman  
Board of Selectmen  
PO Box 139  
Moultonborough, NH 03254

Dear Mr. Mudgett:

Having examined the documentation provided with the subject Invitation for Bids the undersigned proposes to furnish the requested item or materials as requested in accordance with the subject documents.

The undersigned acknowledges Addenda # \_\_\_\_\_  
(If none, write none).

If I am notified my proposal is accepted within forty five (45) days of the bids having been opened, I will execute a contract for the work within fourteen (14) days thereafter.

I propose to perform the specified repairs, servicing and recertification for the following unit pricing:

Item – Repairs to E3

Price

As specified

\$ \_\_\_\_\_

(In Figures)

\_\_\_\_\_ Dollars and \_\_\_\_\_ Cents  
(In Words)

Time for Delivery: I will complete all required repairs, services, and recertification and return the equipment to you within \_\_\_\_\_ calendar days (In Figures) of your notice to proceed (exclusive of the time you take to review and approve my submittals).

I understand that the town reserves the right to reject any and all bids, and waive any minor or non-material informalities, if deemed to be in its best interests.

I understand that the Town may hold my bid for forty five (45) days prior to awarding a contract.

In order to be considered responsive each bidder must submit the following with this bid:

- 1.) Reference list as specified (General Condition 10).
- 2.) Clerk's Certificate showing the authority of the submitting party to bind it to a contract.  
(For corporations and partnerships)

I certify, under the penalties of perjury, that (1) I have had an opportunity to view the full bid package and am aware it was my responsibility to perform my own due diligence appropriate to submitting this proposal, (2) I am fully authorized to submit this bid, (3) I have not engaged in discussions, negotiations, or collusion with any person to determine what my bid will be and (4) that I, to the best of my knowledge and belief, have paid all taxes, fees, assessments, betterments or other municipal charges that I owe to the Town of Moultonborough or have payment agreement in place or have filed an appeal over the same.

\_\_\_\_\_  
Signature of Bidder

Corporate

\_\_\_\_\_  
Title of Bidder

Seal

Signed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.



## **Exhibit A**

### **Bid Specifications**

#### **Frame Rail Replacement - 1993 Freightliner Fire Pumper E 3**

**VIN# 1FV6JLCB4PL461107**

**General Description:** The frame on the Town's 1993 Freightliner Fire Apparatus (pumper E 3) has deteriorated in several locations on both sets of frame rails to a point at which the vehicle will not be able to meet the requirements of New Hampshire Dept. of Safety Saf-C 3221.06 (a). [See Pics]

*[Saf-C 3221.06 (a: Structural Rust, states "a vehicle shall be rejected if the frame or other structural components are broken, cracked, or rusted to a degree that affects the safety of the vehicle".]*

The truck frame consists of two parallel double C-shaped rails held together by cross members. There are holes in the rails that are used for mounting vehicle and fire body components and running wires and hoses. The defective frame rails shall be replaced with new rails constructed of materials that meet the manufacturer's specifications. Upon completion of the replacement of the frame rails the apparatus shall be serviced and recertified to meet the requirements of NFPA 1912 2011 Edition, Chapter 6 Section 6.4 Frame (Exhibit B) as it relates to the repairs being performed.

#### **Quality of Work and Controlling Standards:**

All items are to be completed in a professional and workmanlike manner and shall be in compliance with all applicable sections of NH Department of Safety Saf-C 3221.06. The quality and completeness of the repairs will be inspected by our service facility as part of the acceptance process.

#### **Work to be Performed:**

- 1.) The vendor shall identify all components attached to or dependent upon the frame rails and note their location to insure proper reinstallation to the new frame rails.
- 2.) In an orderly and coordinated manner, each component shall be removed from each frame rail. Reasonable care shall be used to protect each component from damage, distortion, deformity, bending, twisting or any other condition that deviates from the original, normal operating state.

**In the alternative**, the components may be supported in place to provide sufficient clearance to allow the removal of the old frame rails and installation on the new frame rails. Jigs or fixtures fabricated to facilitate lifting of the components shall be of an appropriate design as to adequately support components without causing damage, distortion, deformity, bending, twisting or any other condition that deviates from the original, normal operating state.

During the course of this work the vendor shall make note of any items which appear defective or of concern, photograph the same and immediately notify the Town.

- 3.) Remove the trucks current frame rails and install new frame rails in accordance with materials and practices specified by the manufacturer which shall have first been submitted to the Town for review and approval and a part of the permanent record of the repair. Frame rails to be scuff sanded and

**Exhibit A : Page 2 of 3**

painted prior to installation and after drilling with a rust inhibitor type paint (SEM) with extra attention being given to the opening at the upper & lower section of the frame rail where the inner & outer rail is exposed.

4.) Reassemble all components attached the frame to the original and appropriate configuration and location. All fasteners used in reattaching suspension, cross members, body, pump house etc. shall be new grade 8 bolts, hardened washers, and grade C distorted thread locknuts.

5.) A full wheel/axle alignment shall be completed by the contractor and all measurements prior to and after wheel alignment / adjustment shall be recorded for submission to the Town.

6.) Deliver the apparatus [Note General Condition 13] to Lakes Region Fire Apparatus, Inc. at 688 Ossipee Mountain Hwy (NH Route 25) Tamworth, NH [Contact is Glenn Davis at 1.603.323.7117] for the following prior to delivery to the Town:

- A. **Pump and accessory operation test:** An NFPA in-service pump exam shall be completed to ensure correct operation of all interlocks & controls for the pump system currently installed on the apparatus. All required functions shall operate as designed as originally manufactured without exception.
- B. **Road Test Certification:** A road test shall be conducted with the finished apparatus fully loaded. During this time, the apparatus shall:
  - a. not show loss of power and/or overheating;
  - b. run free from abnormal vibration or noise throughout the operating range of the apparatus [transmission driveshaft or shafts and rear axle];
  - c. have not less than 25% or more than 45% of the weight on the front axle and not less than 55% or more than 75% on the rear axle;
  - d. be capable of accelerating to 35 mph from a standing start within 25 seconds on a level concrete highway without exceeding the maximum governed RPM of the engine;
  - e. be capable of accelerating from a steady speed of 15 mph to a true speed of 35 mph within 30 seconds without moving the gear selector; and
  - f. be capable of obtaining a speed of 50 to 55 mph on a level paved highway surface.

Upon completion of all tests and certification of the apparatus to normal operating condition by Lakes Region Fire Apparatus, Inc. the vendor may deem the vehicle repaired and ready for delivery to Moultonborough Fire Rescue.

[Note: The Town had its regular motor vehicle and NFPA inspection done in March of 2012 at which time the vehicle passed all of these required tests.]

6.) The Vendor shall compile a record of all manufacturer's specifications for materials and service, materials used, a periodic photographic record compiled throughout the repairs, the servicing and recertification tests and documentation, release of all mechanics liens, and the final invoice into one single three hole punched binder for submission to the Town at the time of delivery of the vehicle.

**Several Pictures are on the Following Page**



**Rear Wheel Well**



**Behind Muffler**



**Rear Wheel Area**

**Exhibit B**  
**NFPA 1912**  
**Standard for Fire Apparatus Refurbishing**  
**2011 Edition**

**Chapter 6, Level II Refurbishing**

**6.4 Frame.**

**6.4.1** If the apparatus' frame is to be upgraded, all parts of the frame not scheduled to be replaced shall be inspected for wear, broken or loose bolts or other fittings, bent or damaged members, or other problems.

**6.4.2** The contractor shall notify the purchaser in writing of any problems or abnormal conditions discovered during the inspection.

The entirety of NFPA 1912 may be viewed if you [click here](#).